

10628609_CLS.txt
Most Frequently Occurring Classifications of Patents Returned
From A Search of 10628609 on December 14, 2004

7/29/03

Original Classifications

4 320/145
4 320/160
3 320/148
3 320/152
3 320/156
2 320/110
2 320/125
2 320/133
2 320/139
2 320/159

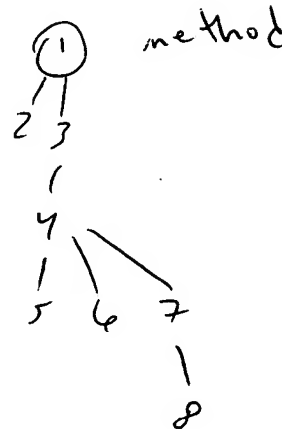
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Cross-Reference Classifications

7 320/160
6 320/DIG 13
5 320/161
4 320/152
4 320/155
4 320/DIG 21
3 320/139
3 320/150
3 320/158
3 320/DIG 12
3 320/DIG 19
2 320/106
2 320/132
2 320/159
2 320/162
2 320/DIG 10
2 324/433
2 340/636.1
2 340/636.15



Combined Classifications

11 320/160
7 320/152
6 320/161
6 320/DIG 13
5 320/139
5 320/145
5 320/155
4 320/148
4 320/156
4 320/158
4 320/159
4 320/DIG 21
3 320/106
3 320/125
3 320/133
3 320/150
3 320/DIG 12
3 320/DIG 19
2 320/107
2 320/109
2 320/110
2 320/132
2 320/134
2 320/136
2 320/162

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2 320/DIG 10
2 324/426
2 324/433
2 340/636.1
2 340/636.15
2 455/573

Titles of Most Frequently Occurring Classifications of Patents Returned
From A Search of 10628609 on December 14, 2004

- 11 320/160 (4 OR, 7 XR)
Class 320 : ELECTRICITY: BATTERY OR CAPACITOR CHARGING
OR DISCHARGING
320/137 BATTERY OR CELL CHARGING
320/160 .Multi-rate charging (e.g., plural charge rates
before a maintenance charge, etc.)
- 7 320/152 (3 OR, 4 XR)
Class 320 : ELECTRICITY: BATTERY OR CAPACITOR CHARGING
OR DISCHARGING
320/137 BATTERY OR CELL CHARGING
320/150 .With thermal condition detection
320/152 ..Detection of current or voltage amplitude
- 6 320/161 (1 OR, 5 XR)
Class 320 : ELECTRICITY: BATTERY OR CAPACITOR CHARGING
OR DISCHARGING
320/137 BATTERY OR CELL CHARGING
320/161 .With detection of current or voltage
differential (e.g., slope, etc.)
- 6 320/DIG 13 (0 OR, 6 XR)
Class 320 : ELECTRICITY: BATTERY OR CAPACITOR CHARGING
OR DISCHARGING
320/DIG 13 FAULT DETECTION
- 5 320/139 (2 OR, 3 XR)
Class 320 : ELECTRICITY: BATTERY OR CAPACITOR CHARGING
OR DISCHARGING
320/137 BATTERY OR CELL CHARGING
320/139 .Pulsed
- 5 320/145 (4 OR, 1 XR)
Class 320 : ELECTRICITY: BATTERY OR CAPACITOR CHARGING
OR DISCHARGING
320/137 BATTERY OR CELL CHARGING
320/139 .Pulsed
320/141 ..Pulse modulation
320/145 ...Pulse-width modulation
- 5 320/155 (1 OR, 4 XR)
Class 320 : ELECTRICITY: BATTERY OR CAPACITOR CHARGING
OR DISCHARGING
320/137 BATTERY OR CELL CHARGING
320/155 .Time control
- 4 320/148 (3 OR, 1 XR)
Class 320 : ELECTRICITY: BATTERY OR CAPACITOR CHARGING
OR DISCHARGING
320/137 BATTERY OR CELL CHARGING
320/148 .With peak detection of current or voltage
(e.g., delta-V or delta-I utilized, etc.)
- 4 320/156 (3 OR, 1 XR)
Class 320 : ELECTRICITY: BATTERY OR CAPACITOR CHARGING
OR DISCHARGING
320/137 BATTERY OR CELL CHARGING
320/155 .Time control
320/156 ..Detection of current or voltage differential

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(e.g., slope, etc.)

- 4 320/158 (1 OR, 3 XR)
Class 320 : ELECTRICITY: BATTERY OR CAPACITOR CHARGING
OR DISCHARGING
320/137 BATTERY OR CELL CHARGING
320/155 .Time control
320/157 ..Detection of current or voltage amplitude
320/158 ...Having solid-state control device
- 4 320/159 (2 OR, 2 XR)
Class 320 : ELECTRICITY: BATTERY OR CAPACITOR CHARGING
OR DISCHARGING
320/137 BATTERY OR CELL CHARGING
320/155 .Time control
320/157 ..Detection of current or voltage amplitude
320/158 ...Having solid-state control device
320/159Detection of current and voltage amplitude
- 4 320/DIG 21 (0 OR, 4 XR)
Class 320 : ELECTRICITY: BATTERY OR CAPACITOR CHARGING
OR DISCHARGING
320/DIG 18 INDICATOR OR DISPLAY
320/DIG 21 .State of charge of battery
- 3 320/106 (1 OR, 2 XR)
Class 320 : ELECTRICITY: BATTERY OR CAPACITOR CHARGING
OR DISCHARGING
320/106 MEANS TO IDENTIFY CELL OR BATTERY TYPE
- 3 320/125 (2 OR, 1 XR)
Class 320 : ELECTRICITY: BATTERY OR CAPACITOR CHARGING
OR DISCHARGING
320/125 DIVERSE CHARGING OR DISCHARGING RATES FOR
PLURAL BATTERIES
- 3 320/133 (2 OR, 1 XR)
Class 320 : ELECTRICITY: BATTERY OR CAPACITOR CHARGING
OR DISCHARGING
320/127 BATTERY OR CELL DISCHARGING
320/128 .With charging
320/130 ..Cycling (e.g., discharge/charge cycle, etc.)
320/133 ...Time control
- 3 320/150 (0 OR, 3 XR)
Class 320 : ELECTRICITY: BATTERY OR CAPACITOR CHARGING
OR DISCHARGING
320/137 BATTERY OR CELL CHARGING
320/150 .With thermal condition detection
- 3 320/DIG 12 (0 OR, 3 XR)
Class 320 : ELECTRICITY: BATTERY OR CAPACITOR CHARGING
OR DISCHARGING
320/DIG 12 PRECHARGING ANALYSIS (E.G., DETERMINING
PRESENCE OF BATTERY, ETC.)
- 3 320/DIG 19 (0 OR, 3 XR)
Class 320 : ELECTRICITY: BATTERY OR CAPACITOR CHARGING
OR DISCHARGING
320/DIG 18 INDICATOR OR DISPLAY
320/DIG 19 .Charger status (e.g., voltmeter, etc.)

- 2 320/107 (1 OR, 1 XR)
 Class 320 : ELECTRICITY: BATTERY OR CAPACITOR CHARGING
 OR DISCHARGING
 320/107 CELL OR BATTERY CHARGER STRUCTURE
- 2 320/109 (1 OR, 1 XR)
 Class 320 : ELECTRICITY: BATTERY OR CAPACITOR CHARGING
 OR DISCHARGING
 320/107 CELL OR BATTERY CHARGER STRUCTURE
 320/109 .Charging station for electrically powered
 vehicle
- 2 320/110 (2 OR, 0 XR)
 Class 320 : ELECTRICITY: BATTERY OR CAPACITOR CHARGING
 OR DISCHARGING
 320/107 CELL OR BATTERY CHARGER STRUCTURE
 320/110 .For diverse sizes of cells, batteries, or
 battery packs
- 2 320/132 (0 OR, 2 XR)
 Class 320 : ELECTRICITY: BATTERY OR CAPACITOR CHARGING
 OR DISCHARGING
 320/127 BATTERY OR CELL DISCHARGING
 320/128 .With charging
 320/130 ..Cycling (e.g., discharge/charge cycle, etc.)
 320/132 ...With state-of-charge detection
- 2 320/134 (1 OR, 1 XR)
 Class 320 : ELECTRICITY: BATTERY OR CAPACITOR CHARGING
 OR DISCHARGING
 320/127 BATTERY OR CELL DISCHARGING
 320/128 .With charging
 320/134 ..With battery or cell condition monitoring
 (e.g., for protection from overcharging, heating, etc.)
- 2 320/136 (1 OR, 1 XR)
 Class 320 : ELECTRICITY: BATTERY OR CAPACITOR CHARGING
 OR DISCHARGING
 320/127 BATTERY OR CELL DISCHARGING
 320/135 .Regulated discharging
 320/136 ..With battery or cell condition monitoring
 (e.g., for protection from overcharging, heating, etc.)
- 2 320/162 (0 OR, 2 XR)
 Class 320 : ELECTRICITY: BATTERY OR CAPACITOR CHARGING
 OR DISCHARGING
 320/137 BATTERY OR CELL CHARGING
 320/162 .With detection of current or voltage amplitude
- 2 320/DIG 10 (0 OR, 2 XR)
 Class 320 : ELECTRICITY: BATTERY OR CAPACITOR CHARGING
 OR DISCHARGING
 320/DIG 10 NONBATTERY LOAD CONTROLS CHARGING
- 2 324/426 (1 OR, 1 XR)
 Class 324 : ELECTRICITY: MEASURING AND TESTING
 324/425 ELECTROLYTE PROPERTIES
 324/426 .Using a battery testing device
- 2 324/433 (0 OR, 2 XR)

- Class 324 : ELECTRICITY: MEASURING AND TESTING
324/425 ELECTROLYTE PROPERTIES
324/426 .Using a battery testing device
324/433 ..To compare battery voltage with a reference
voltage
- 2 340/636.1 (0 OR, 2 XR)
Class 340 : COMMUNICATIONS: ELECTRICAL
340/500 CONDITION RESPONSIVE INDICATING SYSTEM
340/540 .Specific condition
340/635 ..Condition of electrical apparatus
340/636.1 ...Battery
- 2 340/636.15 (0 OR, 2 XR)
Class 340 : COMMUNICATIONS: ELECTRICAL
340/500 CONDITION RESPONSIVE INDICATING SYSTEM
340/540 .Specific condition
340/635 ..Condition of electrical apparatus
340/636.1 ...Battery
340/636.15By voltage
- 2 455/573 (1 OR, 1 XR)
Class 455 : TELECOMMUNICATIONS
455/73 TRANSMITTER AND RECEIVER AT SAME STATION (E.G.,
TRANSCIVER)
455/550.1 .Radiotelephone equipment detail
455/572 ..Power supply
455/573 ...Battery charging

PLUS Search Results for S/N 10628609, Searched December 14, 2004

The Patent Linguistics Utility System (PLUS) is a USPTO automated search system for U.S. Patents from 1971 to the present. PLUS is a query-by-example search system which produces a list of patents that are most closely related linguistically to the application searched. This search was prepared by the staff of the Scientific and Technical Information Center, SIRA.

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